

Title (en)

TRANSMISSION METHOD FOR DETERMINING A TIME-FREQUENCY RESOURCE LOCATION

Title (de)

ÜBERTRAGUNGSVERFAHREN ZUR ERMITTLUNG EINER ZEITFREQUENZRESSOURCENSTELLE

Title (fr)

PROCÉDÉ DE TRANSMISSION POUR DÉTERMINER UN EMPLACEMENT DE RESSOURCE TEMPS-FRÉQUENCE

Publication

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Application

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Abstract (en)

[origin: EP3422651A1] Disclosed in the present invention are a signal transmission method, a network device, and a terminal device. The method comprises: determining a time-frequency resource position of a downlink signal, the downlink signal comprising at least one of a synchronization signal, a broadcast signal, a common control channel signal, a common reference signal and a measurement reference signal, the time-frequency resource position of the downlink signal being on multiple frequency channel numbers of a carrier in a preset time, and the multiple frequency channel numbers being part of frequency channel numbers in a bandwidth of the carrier; and sending the downlink signal according to the time-frequency resource position of the downlink signal. The signal transmission method, the network device and the terminal device in embodiments of the present invention can improve the communication efficiency of the terminal device.

IPC 8 full level

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HK 1258339 A1 20191108; JP 2019521539 A 20190725; JP 2021121107 A 20210819; JP 7091253 B2 20220627; JP 7228619 B2 20230224;  
KR 20190005834 A 20190116; MX 2018013518 A 20190314; RU 2704254 C1 20191025; SG 11201809608X A 20181129;  
TW 201740751 A 20171116; TW I746549 B 20211121; US 10849102 B2 20201124; US 11076384 B2 20210727; US 2019132168 A1 20190502;  
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